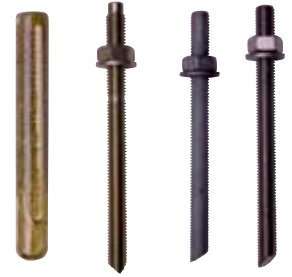


Technical Information Studs with Capsules

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	10	80	10	120	100	110	4.75	4.20	10
M10	12	90	12	140	110	130	7.55	6.85	30
M12	14	110	14	165	135	160	10.95	8.85	30
M16	18	125	18	190	155	175	14.75	15.65	60
M20	25	170	25	260	210	220	22.30	26.50	120
M24	28	210	28	320	260	270	28.50	33.60	200
M30	35	280	35	420	350	340	32.10	62.00	400



Technical Information Threaded Sockets Used With Spin-In Capsules

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	14	90	10	180	110	110	6.0	3.3	7
M10	18	90	12	200	125	115	9.6	5.3	11
M12	22	90	14	240	135	120	14.0	7.7	25
M16	28	125	18	280	155	160	21.3	11.3	50



Technical Information Threaded Sockets Used With Injection Resin

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	14	90	10	130	110	110	7.3	5.8	7
M10	18	90	12	145	130	115	13	8.9	11
M12	22	90	14	170	150	120	17.7	13.2	25
M16	28	125	18	200	170	160	27.8	23.9	50



Technical Information Rebar with Capsules & Injection Resins

Thread Diameter (size)	Capsule code	Hole Diameter (mm)	Embedment Depth (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN
M8	0868M54HI	10	80	120	100	120	5.1	6
M10	0868M56HI	13	100	150	125	150	8.6	9.2
M12	0868M58HI	15	120	165	135	180	11.7	13.6
M14	0868M58HI	18	140	175	145	210	16.6	18.4
M16	0868M62HI	20	160	190	155	240	20.1	24
M20	0868M64HI	25	200	300	250	300	32.9	37.6
M24	0868M66HI	30	250	360	300	375	49.1	58.8



Technical Information Threaded Stud with Capsules

Thread Diameter (size)	Capsule code	Hole Diameter (mm)	Embedment Depth (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	0868M54HI	10	80	120	100	120	5.1	4.1	10
M10	0868M56HI	12	100	150	125	150	7.7	6.6	20
M12	0868T62HI	14	110	165	135	165	10	9.7	40
M16	0868M62HI	18	125	190	155	190	16.6	19.1	95
M20	0868M64HI	25	200	300	250	300	28.6	28.8	180
M24	0868M66HI	28	240	360	300	360	41.5	41.7	315



COSHH safety sheets available on request.

For loads for 30 N/mm² CONCRETE

NB: Technical information will vary depending upon rebar.



High performance chemical based anchors made with Vinylester (often referred to as Epoxy Acrylate).

For attaching studs to concrete, brick and stone.

Free from expansion forces.

GLASS SPIN-IN CAPSULES - Vinylester (Epoxy Acrylate)

Code	Size	Hole Diameter	Capsule Length	Capsule Diameter	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0868M54SI	M8	10	80	9	-	80	10	1.18	130.74
0868M56SI	M10	12	80	11	-	90	10	1.46	140.00
0868M58SI	M12	14	95	13	-	110	10	2.50	159.37
0868M62SI	M16	18	95	17	-	125	10	3.80	199.21
0868M64SI	M20	25	175	22	-	170	6	12.17	316.93
0868M66SI	M24	28	210	24	-	210	6	16.17	398.42



Industry standard length Studs, complete with a nut and washer and stud end cut at 45° with hexagon drive.



STUDS - Zinc & Yellow with internal hexagon tool in each box

Code	Size	Length	Hole Diameter	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0868S540110	M8	110	10	20	80	10	4.50	58.72
0868S560130	M10	130	12	45	90	10	8.00	69.90
0868S580160	M12	160	14	35	110	10	13.50	99.08
0868S620190	M16	190	18	45	125	10	30.00	148.61
0868S640260	M20	260	25	67	170	10	60.00	356.67
0868S660300	M24	300	28	65	210	10	110.00	607.95
0868S690380	M30	380	35	70	280	5	240.00	1729.29



Industry standard length Studs, complete with a nut and washer and stud end cut at 45° with hexagon drive.

STUDS - Hot Dipped Galvanised with internal hexagon tool in each box

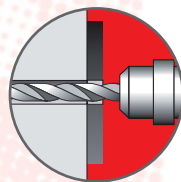
Code	Size	Length	Hole Diameter	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0868S540110G	M8	110	10	20	80	10	4.50	127.78
0868S560130G	M10	130	12	45	90	10	8.00	164.36
0868S580160G	M12	160	14	35	110	10	13.50	193.98
0868S620190G	M16	190	18	45	125	10	30.00	300.00
0868S640260G	M20	260	25	67	170	10	60.00	598.29
0868S660300G	M24	300	28	65	210	10	110.00	1109.44



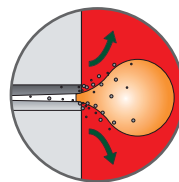
Industry standard length Studs, complete with a nut and washer and stud end cut at 45° with hexagon drive.

STUDS - Stainless Steel A2 requires setting tool when used with capsule

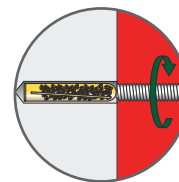
Code	Size	Length	Hole Diameter	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0868S540110SS	M8	110	10	20	80	10	4.50	157.99
0868S560130SS	M10	130	12	45	90	10	8.00	236.05
0868S580160SS	M12	160	14	35	110	10	13.50	343.32
0868S620190SS	M16	190	18	45	125	10	30.00	628.87
0868S640260SS	M20	260	25	67	170	10	60.00	1197.22
0868S660300SS	M24	300	28	65	210	10	110.00	1766.51



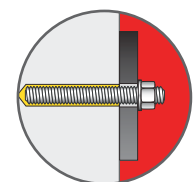
Drill your hole to the correct diameter...



...clear any debris...



...insert capsule and spin in the stud...



...allow the recommended cure time.